

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Robert S. Taylor, et al)	
)	Art Unit: Unknown
Serial No.:	Unknown)	
)	
Filed:	Concurrently Herewith)	Examiner: Unknown
)	
For:	Co. Miscible Optimized)	
	Hydrocarbon Blends and)	
	Methods of Using Co.)	
	Miscible Optimized)	
	Hydrocarbon Blends)	

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS
Alexandria, VA 22313-1450

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent Number 4,622,155 issued 11/11/86 to Lawrence E. Harris, et al;

U.S. Patent Number 4,701,270 issued 10/20/87 to Ronald S. Bullen, et al;

U.S. Patent Number 5,057,233 issued 10/15/91 to David A. Huddleston;

U.S. Patent Number 5,110,485 issued 05/05/92 to David A. Huddleston;

U.S. Patent Number 5,202,035 issued 04/13/93 to David A. Huddleston;

U.S. Patent Number 5,417,287 issued 05/23/95 to Kevin W. Smith, et al;

U.S. Patent Number 5,571,315 issued 11/05/96 to Kevin W. Smith, et al;

U.S. Patent Number 5,614,010 issued 03/25/97 to Kevin W. Smith, et al;
U.S. Patent Number 5,846,915 issued 12/08/98 to Kevin W. Smith, et al;
U.S. Patent Number 6,149,693 issued 11/21/00 to George Gregory Geib;
U.S. Patent Number 6,271,409 issued 08/07/01 to George Gregory Geib;
U.S. Patent Number 6,297,201 issued 10/02/01 to George Gregory Geib;
U.S. Patent Number 6,342,468 issued 10/29/02 to George Gregory Geib;
U.S. Patent Number 6,387,137 issued 05/14/02 to George Gregory Geib;
U. S. Patent Number 6,511,944 issued 01/28/03 to Robert S. Taylor, et al; and
U.S. Patent Number 6,544,934 issued 04/08/03 to Robert S. Taylor, et al.

OTHER PRIOR ART

R. Taylor et al., Optimized Gas-Well Stimulation Using CO₂-Miscible, Viscosified
Hydrocarbon Fracturing Fluids, SOC'Y OF PETROLEUM ENGINEERS 75666 (2002).

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Robert A. Kent", with a large, stylized initial "R" and "K".

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PTO-1449			Application No.		Applicant(s) Robert S. Taylor, et al		
Information Disclosure Citation in an Application			Docket Number 2003-IP-012051U1		Group Art Unit	Filing Date	
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	ISSUE/ PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
		4,622,155	11/11/86	Harris <i>et al.</i>	507	238	8/12/85
		4,701,270	10/20/87	Bullen <i>et al.</i>	507	203	2/18/86
		5,057,233	10/15/91	Huddleston	507	238	10/30/89
		5,110,485	5/5/92	Huddleston	507	238	7/16/90
		5,202,035	4/13/93	Huddleston	507	238	2/12/92
		5,417,287	5/23/95	Smith <i>et al.</i>	166	308	3/14/94
		5,571,315	11/5/96	Smith <i>et al.</i>	106	285	12/28/95
		5,614,010	3/25/97	Smith <i>et al.</i>	16	285	1/26/96
		5,846,915	12/8/98	Smith <i>et al.</i>	507	269	10/26/95
		6,149,693	11/21/00	Geib	44	270	2/6/96
		6,271,409	8/7/01	Geib	558	177	5/15/00
		6,297,201	10/2/01	Geib	507	244	5/15/00
		6,342,468	1/29/02	Geib	507	238	5/15/00
		6,387,137	5/14/02	Geib	44	270	7/3/00
		6,511,944	1/28/03	Taylor, <i>et al.</i>	507	237	2/23/01
		6,544,934	4/8/03	Taylor, <i>et al.</i>	507	238	2/23/01
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
NON-PATENT DOCUMENTS							
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					
		R. Taylor <i>et al.</i> , <i>Optimized Gas-Well Stimulation Using CO2-Miscible, Viscosified Hydrocarbon Fracturing Fluids</i> , SOC'Y OF PETROLEUM ENGINEERS 75666 (2002).					
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							